

Converting Colors

CIELCh(85, 18.455, 325.510)

Have a look what the booklet for
CIELCh(85, 18.455, 325.510)
contains.

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Color

CIELCh(85, 18.670, 326.046)

Conversions

Conversions Part 1

Format	Color
Hex	E9CBE8
RGB	233, 203, 232
RGB Percent	91%, 80%, 91%
CMY	0.0854, 0.2031, 0.0894
CMYK	0.00, 0.13, 0.00, 0.09
HSL	302°, 41%, 86%
HSV	302°, 13%, 91%
XYZ	69.6740, 66.0070, 85.5702
YIQ	215.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

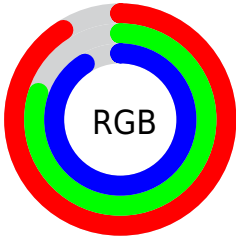
Format	Color
R_{YB}	233, 203, 232
Decimal	15322088
CIE _{Lab}	85.00, 15.49, -10.43
CIE _{LCh}	85, 18.670, 326.046
Yxy	66.0070, 0.3149, 0.2983
Android (android.graphics.Color)	4293512168 (0xFFE9CBE8)
YUV	215.2760, 8.2449, 15.5439
Hunter-Lab	81.2447, 10.9001, -5.5753

Details

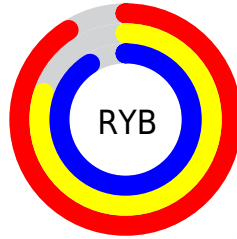
The CIELCh color $85, 18.670, 326.046$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90, 18.643, 144.567$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 18.335, 326.265$ is the 20% darker color. If you saturate the color by 10%, you get $79, 33.259, 326.613$, and if you desaturate by 10%, it is $91, 4.135, 325.431$.

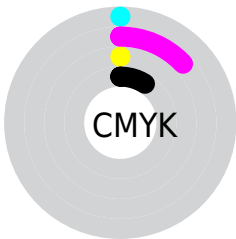
Distribution



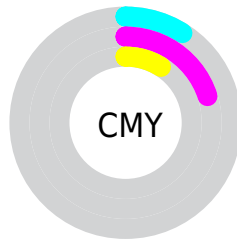
- Red (91%)
- Green (80%)
- Blue (91%)



- Red (91%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 18.670, 326.046 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 18.670, 326.046 by changing the saturation by 10% instead.


 85, 18.670,
326.046


 85, 18.670,
326.046


 100, 18.670,
326.046


 75, 18.670,
326.046

 65, 18.670,
326.046

 55, 18.670,
326.046

 45, 18.670,
326.046

 35, 18.670,
326.046

 25, 18.670,
326.046

 15, 18.670,

326.046

■ 5, 18.670, 326.046

■ 0, 18.670, 326.046

■ 85, 18.670,
326.046

■ 85, 18.670,
326.046

■ 79, 33.259,
326.613

■ 91, 4.135, 325.431

■ 74, 47.647,
327.165

■ 97, 10.163,
144.983

■ 69, 61.459,
327.690

■ 98, 13.022,
145.637

■ 65, 74.213,
328.176

■ 98, 12.702,
146.681

■ 61, 85.339,

■ 98, 12.385,
147.778

328.608

98, 12.073,
148.930

59, 94.266,
328.974

98, 11.766,
150.142

56, 100.549,
329.268

98, 11.464,
151.416

55, 104.044,
329.494

98, 11.168,
152.757

55, 105.191,
329.624

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 18.670, 326.046



90, 18.643, 144.567

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 18.670, 326.046



85, 18.670, 16.046



85, 18.670, 146.046



85, 18.670, 196.046

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 18.667, 326.046



97, 6.210, 325.516



83, 15.906, 292.786



52, 4.415, 325.566



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 18.667, 326.046



91, 23.422, 326.172



85, 13.197, 346.586



46, 8.268, 325.850



43, 87.062, 329.601



9, 37.425, 329.395

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85, 18.667, 326.046



91, 23.422, 326.172



90, 12.946, 164.396



46, 8.268, 325.850



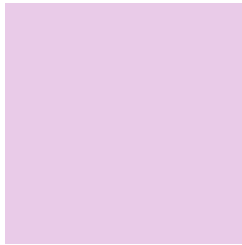
43, 87.062, 329.601



9, 37.425, 329.395

Previews

White Background



This preview shows how the CIELCh color 85, 18.670, 326.046 looks on a white background.

Color Contrast Check

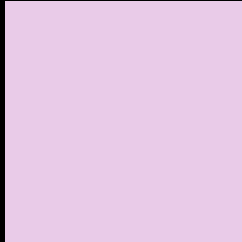
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 18.670, 326.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

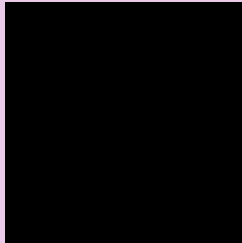
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 18.670, 326.046

Background



This preview shows how black text looks on a background with the CIELCh color 85, 18.670, 326.046.



This preview shows how white text looks on a background with the CIELCh color 85, 18.670, 326.046.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
85, 12.921, 339.847

Trichromacy



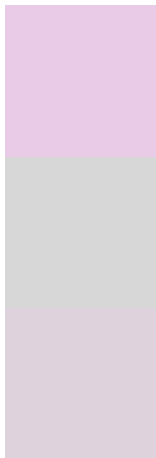
Original Color
85, 18.670, 326.046

Protanomaly
85, 14.698, 305.031

Deuteranomaly
85, 15.636, 319.526

Tritanomaly
85, 14.982, 333.108

Monochromacy



Original Color
85, 18.670, 326.046

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.610, 327.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 18.670, 326.046 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 203, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 203, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 18.670, 326.046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 203, 232) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 203, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 203, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 18.670, 326.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
203, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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